OWNER'S MANUAL

ANU-1 CHASSIS

MODELS OF THE SAME SERIES	
KV-27HSR10	KV-32HSR10
KV-27XBR10/27XBR60	
KV-32XBR10/32XBR70	

SPECIFICATIONS

Television system	American TV standards
Channel coverage	VHF: 2–13 UHF: 14–69 Cable TV: 1–125
Picture tube	Microblack Trinitron tube **27-inch picture measured diagonally** 29-inch picture tube measured diagonally
Antenna	75-ohm external antenna terminal for VHF/UHF

Input	VIDEO 1, 2 and 3 IN
	  S VIDEO IN (4-pin mini DIN)
	    Y: 1 Vp-p, 75-ohms
	      unbalanced, sync negative
	    C: 0.286 Vp-p (Burst signal),
	      75-ohms
	  Video (phono jacks): 1 Vp-p,
	    75-ohms unbalanced, sync negative
	  Audio (phono jacks): 500 mVrms
	    (100% modulation)
	    Impedance: 47 kilohms

Output	MONITOR OUTPUT
	  S VIDEO OUTPUT (4-pin mini DIN)
	    Y: 1 Vp-p, 75-ohms
	      unbalanced, sync negative
	    C: 0.286 Vp-p (Burst signal)
	      75-ohms
	  Video (phono jacks): 1 Vp-p,
	    75-ohms unbalanced, sync negative
	  Audio (phono jacks): 500 mVrms
	    (100% modulation)
	    Impedance: 10 kilohms

AUDIO OUTPUT (VARIABLE) (phono jacks)
  More than 408 mVrms at the maximum volume setting (variable)
  Impedance: 5 kilohms

Power requirements	120V AC, 60Hz
Power consumption	225W (max.) 1.5W (in standby condition)

Accessories supplied
  Remote Commander RM-763
    with 4 size AA (R6) bateries (1)
  Antenna connector (1)

Optional accessories
  U/V mixer EAC-66
  Connecting cable
    VMC-810/820S
    YC-15V/30V
  Video rack
    SU-235X (with super-woofer)
    SU-235X (with super-woofer)
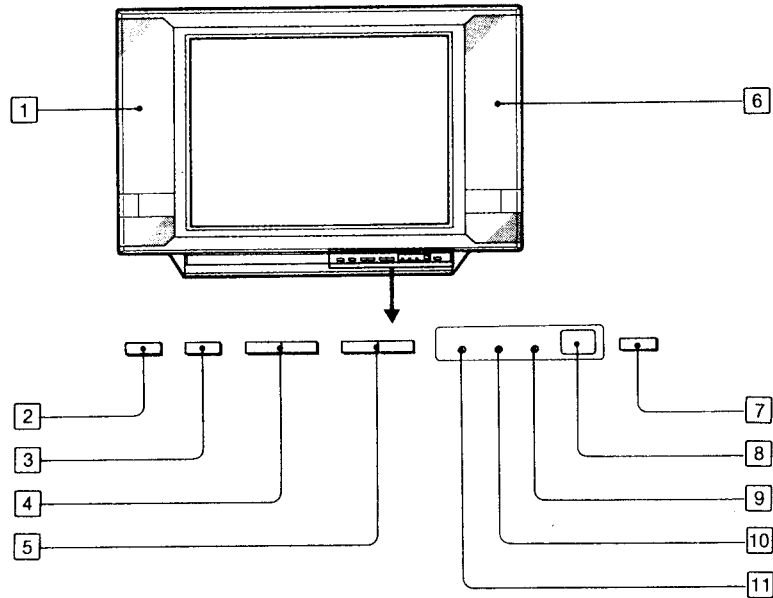   SU-251 (black)
    SU-330 (black)

Design and specifications are subject to change without notice.

TRINITRON ® COLOR TV
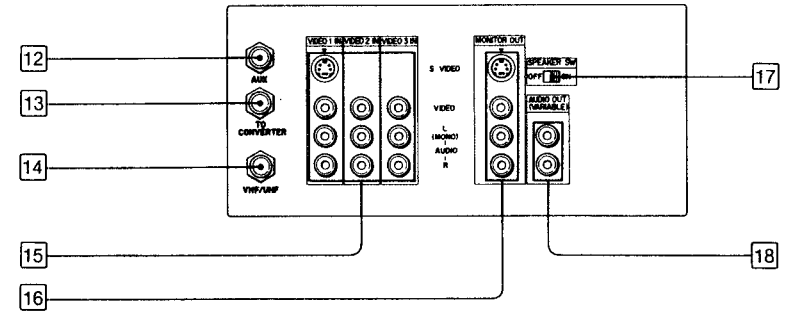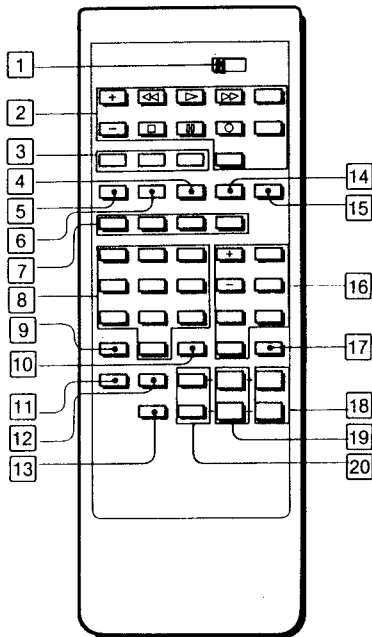# SONY ®

1-1. LOCATION OF CONTROLS

Front panel

Rear panel

12 AUX (auxiliary) terminal

13 TO CONVERTER terminal

14 VHF/UHF antenna terminal

15 VIDEO 1, 2, 3 IN jacks (phono jacks)

16 MONITOR OUT jacks (phono jacks)

17 SPEAKER SW (switch)

18 AUDIO OUT (VARIABLE) jacks (phono jacks)

1 Left speaker (tweeter and woofer)

2 (●) SRS (Sound Retrieval System) button

3 TV/VIDEO button

4 VOLUME buttons

5 CHANNEL buttons

6 Right speaker (tweeter and woofer)

7 POWER switch

8 Remote sensor

9 SLEEP indicator

10 STEREO indicator

11 TIMER indicator

Remote Commander RM-763

The buttons with * mark have the same function as the buttons with the same or similar mark on the TV.

1 VTR 1/2/3/MDP (multi disc player) selector

2 Sony VCR/multi disc player operation buttons

3 Channel presetting buttons

4 ANT/AUX (antenna/auxiliary) button

5 MUTING button

6 CABLE button

7 Input select buttons (TV, VIDEO 1, VIDEO 2, VIDEO 3)*

8 Channel number buttons

9 DISPLAY button

10 ENTER button

11 TIME button

12 MTS (multichannel TV sound) button

13 SRS (sound retrieval system) button*

14 SLEEP button

15 POWER button*

16 A/V WINDOW (audio and video adjusting) buttons

17 JUMP button

18 CH (channel) scan buttons*

19 VOL (volume) control buttons*

20 PICTURE buttons

1-2. PRESETTING TV CHANNELS

To Preset All Receivable Channels Automatically
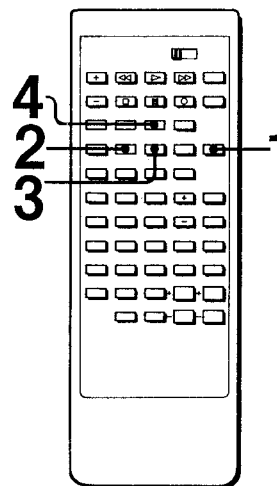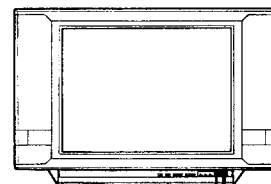
Remote sensor

1 Press POWER on the TV or the Remote Commander to turn the TV on.

POWER

2 Press CABLE so that the appropriate mode appears.

CABLE

`3` To preset VHF or UHF channels

`C3` To preset cable TV channels

3 Press ANT/AUX according to the channel to be preset.

ANT/AUX

`3` To preset VHF, UHF or regular cable TV channels

`AUX 3` To preset pay cable TV channels

4 Press AUTO PGM.

AUTO PGM

AUTO PROGRAM

"AUTO PROGRAM" is displayed on the screen and receivable channels (other than the channels already preset) will be preset in numerical sequence. The channels previously preset remain in the unit's memory.
When no more channels can be found, the programming stops and the lowest numbered channel is displayed.

Receivable channels of this TV are:
VHF: 2-13
UHF: 14-69
Cable: 1-125

To add the channels that could not be preset with automatic programming because their signal strength was too weak, or **to erase unnecessary channels.**
Follow the steps in "To preset only the desired channels or to erase unnecessary channels" on the next page.
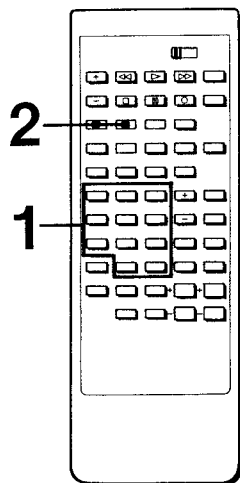
To check preset channels
Press CH +/−.

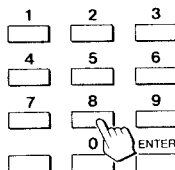**If the indication "VIDEO 1, VIDEO 2, VIDEO 3" is displayed on the screen**
Press the TV/VIDEO button on the TV or the TV button on the Remote Commander so that a channel number appears.
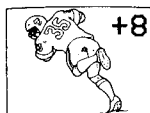
To Preset Only the Desired Channel or to Erase Unnecessary Channels

1 Press the channel number button(s) and then ENTER to select the channel to be added or erased.
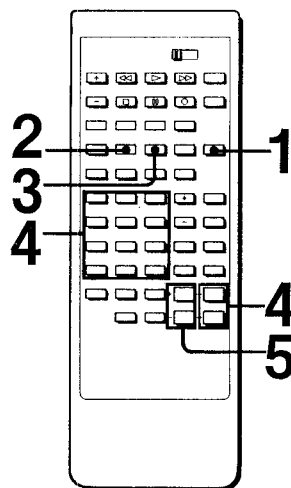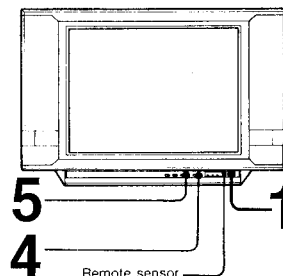
2 To add channels — Press ADD.

A "+" appears for a moment.
This channel has now been added to the channel scan memory.
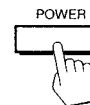
To erase channels — Press ERASE.

A "−" appears for a moment.
This channel has now been erased from the channel scan memory. The next time the CH +/− button is pressed, this channel will be skipped.
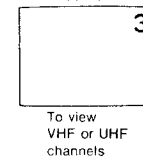
Repeat steps 1 and 2 for other channels to be added or erased.
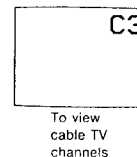

When a VHF or UHF channel is erased
The cable TV channel with the same number is also erased and vice versa.

Cable TV channel chart*
Cable TV systems use letters or numbers to designate channels. To tune in a channel, refer to the chart below.

Number on this TV	1	5	6	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Corresponding CATV channel	A−8	A−7	A−6	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q

31	32	33	34	35	36	37	38	39		93	94	95	96	97	98	99	100	101	102		123	124	125
R	S	T	U	V	W	W+1	W+2	W+3	......	W+57	W+58	A−5	A−4	A−3	A−2	A−1	W+59	W+60	W+61	......	W+82	W+83	W+84

Check with your local cable TV company for more complete information on the available channels.

*The designation of the cable TV channels conforms to the EIA/NCTA recommendation.

Remote sensor

1 Press POWER on the TV or the Remote Commander to turn the TV on.

POWER
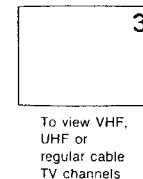
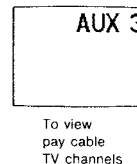**2** Press CABLE so that the appropriate mode appears.

CABLE

3

To view VHF or UHF channels

C3

To view cable TV channels

3 Press ANT/AUX according to the channel to be watched.
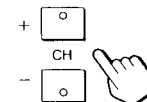
ANT/AUX

3

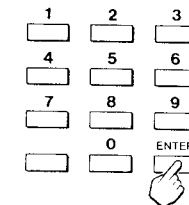To view VHF, UHF or regular cable TV channels

AUX 3

To view pay cable TV channels

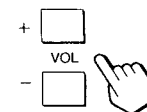**4** Select a channel in one of the following two ways:

To scan the preset channels in numerical sequence, press CH +/−.

To select a channel directly, press the channel number button(s) and then ENTER. For example, to select channel 10, press 1,0 and ENTER.

CH

5 Press VOL + or − to adjust the volume.

VOL

1-4. USING THE GUIDE FUNCTION

The GUIDE function calls up the on-screen menu and instructions on how to set the current time, timer, channel block.

Buttons used for GUIDE function

GUIDE
+/−
0~9
RESET
EXIT
TIME
ENTER
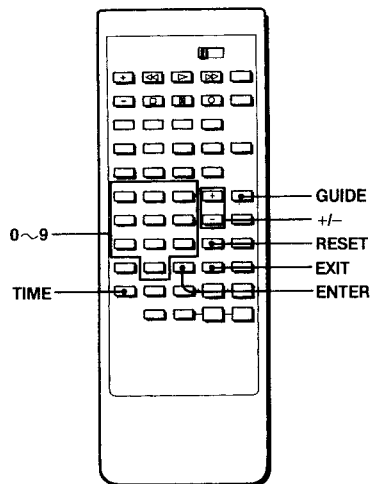
- All setting will be erased from the unit's memory if the unit is unplugged, or if a power failure occurs.
- The ON/OFF TIMER and CHANNEL BLOCK will operate only if the clock is set correctly.

Setting the Clock
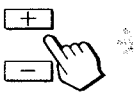
Example: To set the clock to 5:30 PM, Monday.

1 Press GUIDE.
Press repeatedly until "CURRENT TIME SET" turns red.

GUIDE

```
GUIDE

CURRENT TIME SET
ON/OFF TIMER
CHANNEL BLOCK
```

2 Press ENTER.

ENTER

```
CURRENT TIME SET

SUN __:__ AM

SELECT TODAY'S
DAY.
PLEASE USE [+] [−]
&[ENTER].
```

3 Press +/− until the desired day of the week appears.

[+]
[−]

```
CURRENT TIME SET

MON __:__ AM

SELECT TODAY'S
DAY.
PLEASE USE [+] [−]
&[ENTER].
```

4 Press ENTER.
If the time is already set, the current set time will appear. To clear these numbers, press any number.

ENTER

```
CURRENT TIME SET

MON __:__ AM

SET THE CURRENT
TIME.
PLEASE USE [0-9]
&[ENTER].
```

5 Press 0-9 to set the desired time.
(For 5:30, press 0,5,3,0)

```
CURRENT TIME SET

MON 05:30 AM

SET THE CURRENT
TIME.
PLEASE USE [0-9]
&[ENTER].
```

6 Press ENTER.

ENTER

```
CURRENT TIME SET

MON 05:30 AM

SELECT AM OR PM.
PLEASE USE [+] [−]
&[ENTER].
```

7 Press +/- to set AM or PM.

```
[ + ]
[ - ]
```

```
CURRENT TIME SET

MON _5:30 PM

SELECT AM OR PM.
PLEASE USE [+] [-]
&[ENTER].
```

8 Press ENTER.
The moment ENTER is pressed, the clock will start.
Now, the clock is set. The indication will disappear after approx. 5 seconds.

```
ENTER
```

```
CURRENT TIME SET

MON _5:30 PM

CURRENT TIME IS
SET. THANK YOU.
```

To restore the normal picture
Press EXIT.

To clear the current time setting
Display the "CURRENT TIME SET" page and press RESET, then EXIT.

To reset the setting
Display the "CURRENT TIME SET" page and press RESET, then repeat steops 3 to 8.

To display the current time
Press TIME.

Notes
• The internal clock of this TV operates on a 12-hour cycle. If a 24-hour cycle number is entered, it will be cleared when ENTER is pressed.

| 12:00 AM stands for midnight. |
| 12:00 PM stands for noon. |

Setting the ON/OFF Timer

ON/OFF TIMER allows the program of your choice to appear on the screen at the desired time.

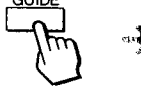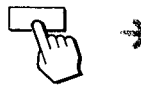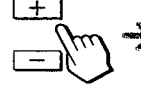Example: Set the timer to turn on the TV to channel 8 at 1:00 PM for 3 hours every Monday through Friday.

1 Press GUIDE.
Press repeatedly until "ON/OFF TIMER" turns red.

```
GUIDE
```

```
GUIDE

CURRENT TIME SET
ON/OFF TIMER
CHANNEL BLOCK
```

2 Press ENTER.
If the clock has not been set, "PLEASE SET CURRENT TIME FIRST" appears on the screen. Go back to page 26.
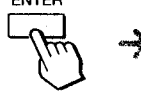
```
ENTER
```

```
ON/OFF TIMER

EVERY SUN-SAT
__:__ AM _H CH___

SELECT THE DAY.
PLEASE USE[+] [-]
&[ENTER].
```

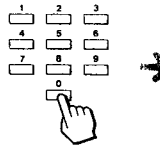**3** Press +/- until the desired day of the week appears.

```
[ + ]
[ - ]
```

```
ON/OFF TIMER

EVERY MON-FRI
__:__ AM _H CH___

SELECT THE DAY.
PLEASE USE[+] [-]
&[ENTER].
```

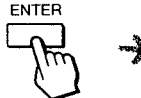**4** Press ENTER.

```
ENTER
```

```
ON/OFF TIMER

EVERY MON-FRI
__:__ AM _H CH___

SET THE TIME.
PLEASE USE [0-9]
& [ENTER].
```

5 Press 0-9 to set the desired time.
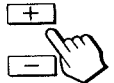(For 1:00, press 0,1,0,0.)

```
1  2  3
4  5  6
7  8  9
   0
```

```
ON/OFF TIMER

EVERY MON-FRI
01:00 AM _H CH___

SET THE TIME.
PLEASE USE [0-9]
& [ENTER].
```
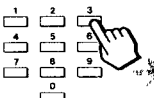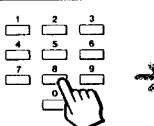
6 Press ENTER.

```
ENTER
```

```
ON/OFF TIMER

EVERY MON-FRI
01:00 AM _H CH___

SELECT AM OR PM.
PLEASE USE [+] [-]
& [ENTER].
```

7	Press +/- to set AM or PM.	[+] [–]	ON/OFF TIMER EVERY MON-FRI 01:00 PM _H CH___ SELECT AM OR PM. PLEASE USE [+] [-] & [ENTER].
8	Press ENTER.	ENTER	ON/OFF TIMER EVERY MON-FRI 01:00 PM _H CH___ SET THE DURATION. PLEASE USE [0-9] & [ENTER].
9	Press a number button to set the duration. (Up to 9 hours can be set).	1 2 3 4 5 6 7 8 9 0	ON/OFF TIMER EVERY MON-FRI 01:00 PM 3H CH___ SET THE DURATION. PLEASE USE [0-9] & [ENTER].
10	Press ENTER.	ENTER	ON/OFF TIMER EVERY MON-FRI 01:00 PM 3H CH___ SET THE CHANNEL PLEASE USE [0-9] & [ENTER].
11	Press 0-9 to set the desired channel number.	1 2 3 4 5 6 7 8 9 0	ON/OFF TIMER EVERY MON-FRI 01:00 PM 3H CH__8 SET THE CHANNEL PLEASE USE [0-9] & [ENTER].
12	Press ENTER. Now ON/OFF timer is set. The TIMER indicator on the TV lights up.	ENTER	ON/OFF TIMER EVERY MON-FRI _1:00 PM 3H CH__8 ON/OFF TIMER IS SET. THANK YOU.

Setting the Channel Block

CHANNEL BLOCK prevents a channel from appearing on the screen for preset hours. We suggest you use this function to prevent children from watching undersirable programs.

Example: Set the CHANNEL BLOCK at 4:00 PM (for 1 hour), every Saturday, at channel 12.

1	Press GUIDE. Press repeatedly until "CHANNEL BLOCK" turns red.	GUIDE	GUIDE CURRENT TIME SET ON/OFF TIMER CHANNEL BLOCK
	Step 2-11: Same as Setting the ON/OFF Timer. (See page 28.)		
12	Press ENTER. Now CHANNEL BLOCK is set. At the preset time, the picture of the selected channel will be blocked from view and the sound will be muted. A red "BLOCKED" indication will appear on the screen while the channel is blocked.	ENTER	CHANNEL BLOCK EVERY SATURDAY 4:00 PM 2H CH_12 CHANNEL BLOCK IS SET. THANK YOU.

To restore the normal picture
Press EXIT.

To clear the setting
Display the "CHANNEL BLOCK" page and press RESET, then EXIT.

To reset the setting
Display the "CHANNEL BLOCK" page and repeat steps from the beginning.